TITLE: SYSTEM, METHOD AND PROGRAM FOR PRINTING AN ELECTRONIC DOCUMENT
INVENTORS: Motonaga GOMI et al.
SERIAL NO.: Unassigned
DOCKET NO.: 1619.1025

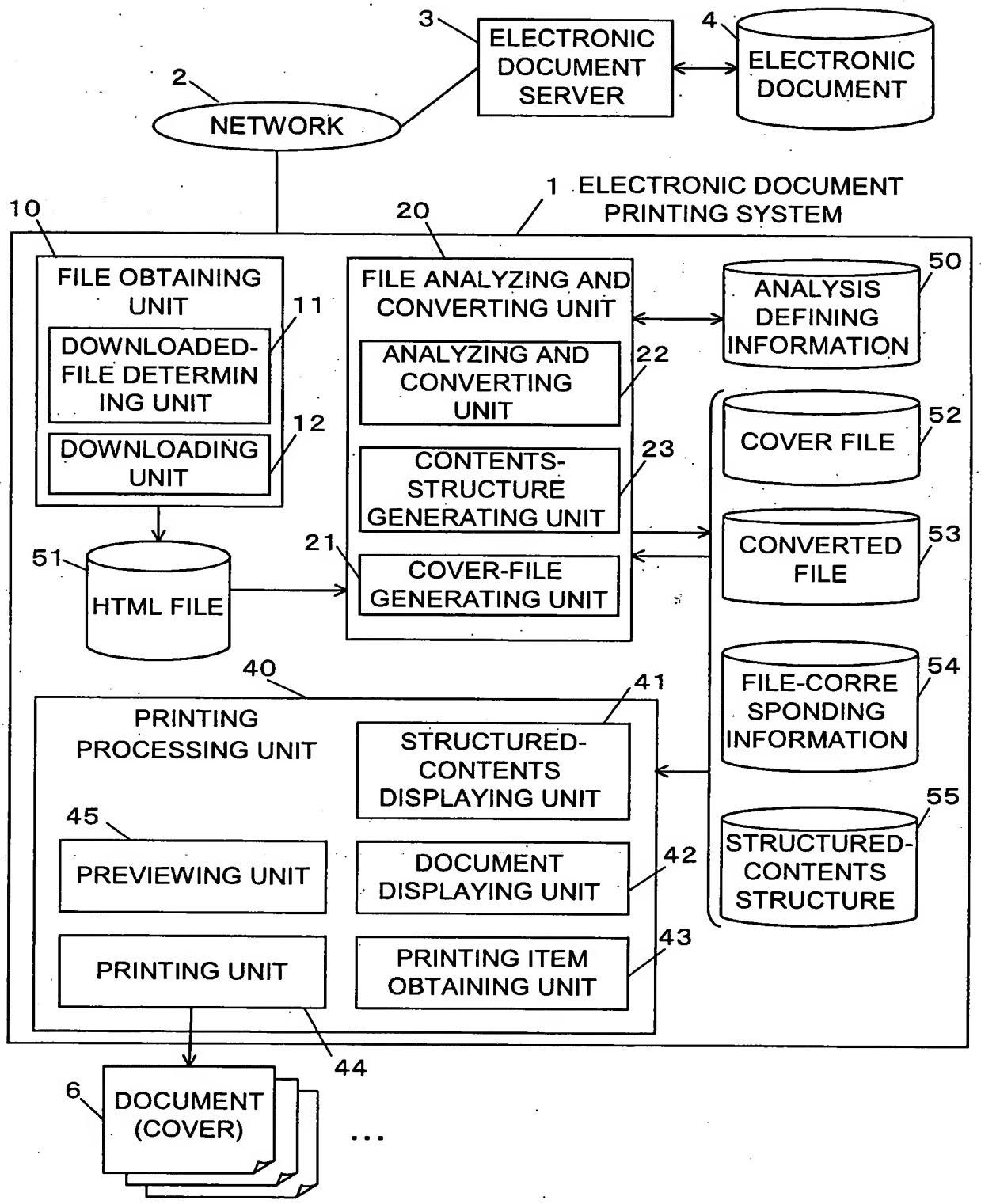

FIG.1

TITLE: SYSTEM, METHOD AND PROGRAM FOR
PRINTING AN ELECTRONIC DOCUMENT
INVENTORS: Motonaga GOMI et al.
SERIAL NO.: Unassigned
DOCKET NO.: 1619.1025

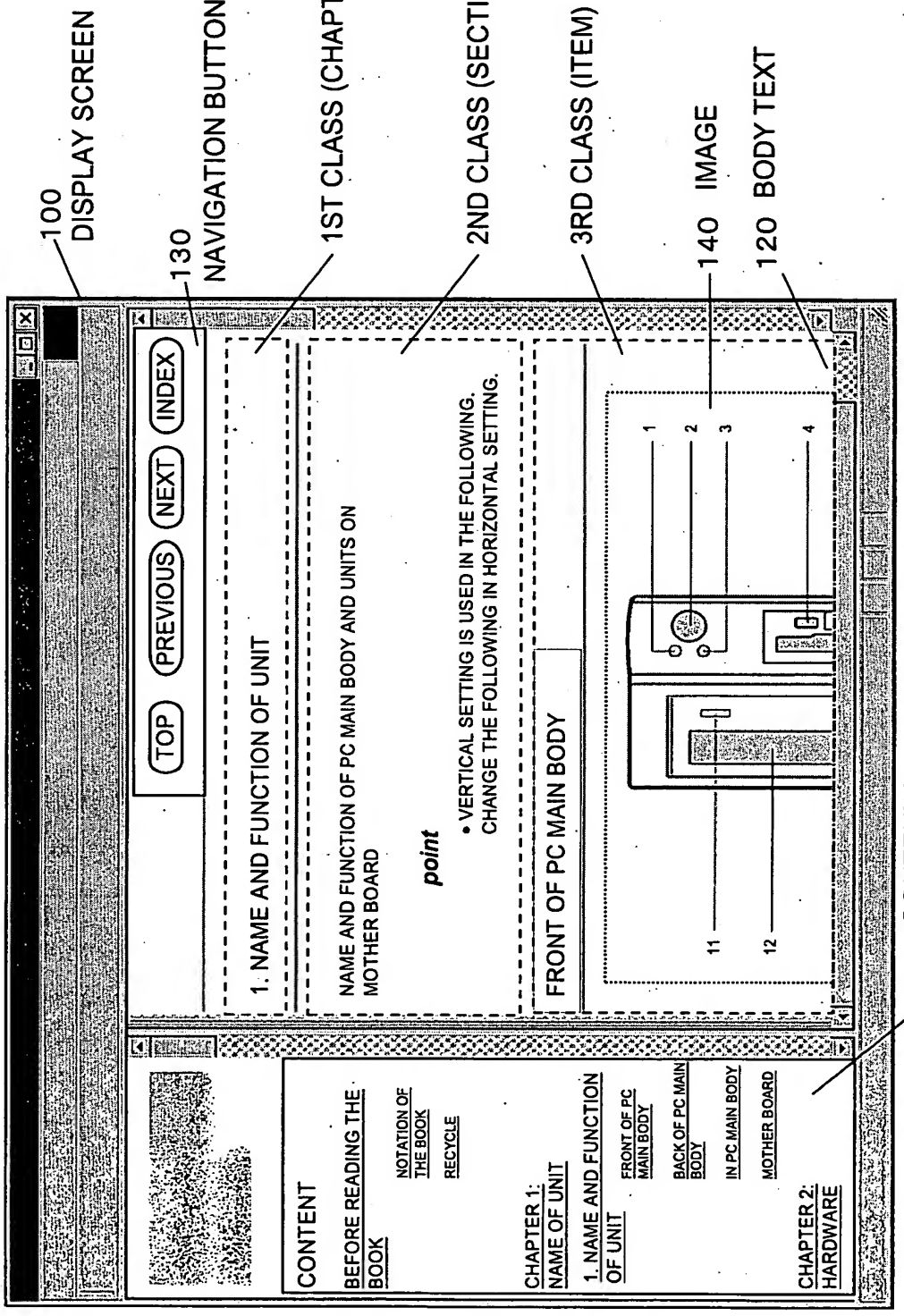

FIG.2

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3. 2 Final//EN">
<html>

<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-2022-jp">
<meta name="TEMPLATEBASE" content="fmvman_DT_01a_r3">
<meta name="LASTUPDATED" content="11/07/01 10:20:48">
<title>FMWORLD.NET: 1. NAME AND FUNCTION OF UNIT</title>
</head>

<body  link="#3366CC" vlink="#9999CC" text="#000000" alink="#0000CC"
bgcolor="#FFFFFF" background="images/backgrnd.jpg">
<table width="100%" border="0" cellspacing="0" cellpadding="0">
<tr>
<td>
<table border="0" align="right" cellpadding="0" cellspacing="0">
<tr>
<td><a href="index.html" target="_parent"><img src="images/top.jpg" width="61"
height="28" alt="TOP" border="0" hspace="10"></a></td>
<td><a href="h_kakubu.html"><img src="images/nvprev.jpg" width="90" height="28"
border="0" alt="PREVIOUS"></a></td>
<td><a href="h_kakubu3.html"><img src="images/nvnext.jpg" width="90" height="28"
border="0" alt="NEXT"></a></td>
<td><a href="3851slix.html"><img src="images/nvindex.jpg" width="61" height="28"
border="0" alt="INDEX"></td>
</tr>
</table>
</td>
</tr>
</table>

<hr>

<h2>
<a name="1177276"><font color="#003366"> 1. NAME AND FUNCTION OF
UNIT</font></a>
<hr noshade>
</h2>

<p>
<a name="1180846">NAME AND FUNCTION OF PC MAIN BODY AND UNITS ON
MOTHER BOARD
</a></p>
```

FIG.3

```
<dl>
<dd>
<img src="images/point.jpg" border="0" alt="IMPORTANT">
</dd>
</dl>
<ul><font color="#0000CC"><ul><font color="#0000CC">
<li><a name="1180848">=VERTICAL SETTING IS USED IN THE FOLLOWING. CHANGE
THE FOLLOWING IN HORIZONTAL SETTING.</a>
</font></ul>
</font></ul>
<h3>
<a name="1177287"><font color="#003366">FRONT OF PC MAIN BODY</font></a>
<hr noshade>
</h3>

<div align="absmiddle"><img src="images/h_kakubua.jpg" height="495" width="519"
border="0" align="absmiddle" alt="IMAGE">
</div><br>

<ol type="1">
<li value="1"><a name="1180919"><b>POWER LAMP</b></a>
<dl>
<dt><a name="1180920">
LIGHT ON DURING ON-POWER OF PC MAIN BODY

</a>
<dt><a name="1180921">
LIGHT ON GREEN DURING ON-OPERATION AND LIGHT ON ORANGE IN STANDBY
(POWER SAVING) MODE

</a>
</dl>
<li value="2"><a name="1180922"><b>POWER BUTTON</b></a>
<dl>
<dt><a name="1180923">
PRESS BUTTON UPON SETTING ON/OFF-POWER OF PC MAIN BODY AND IN
STANDBY MODE

</a>
</dl>
<li value="3"><a name="1180925"><b>DISK ACCESS LAMP</b></a>
<dl>
<dt><a name="1180926">
LIGHT ON UPON WRITING/READING DATA TO/FROM HD
```

FIG.4

```
</a>
<dt><a name="1180959">
TIP RESISTANT IN VERTICAL SETTING

</a>
</dl>
</ol>

<hr>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
<tr>
<td>
<table border="0" align="right" cellpadding="0" cellspacing="0">
<tr>
<td><a href="index.html" target="_parent"><img src="images/top.jpg" width="61"
height="28" alt="TOP" border="0" hspace="10"></a></td>
<td><a href="h_kakubu.html"><img src="images/nvprev.jpg" width="90" height="28"
border="0" alt="PREVIOUS"></a></td>
<td><a href="h_kakubu3.html"><img src="images/nvnext.jpg" width="90" height="28"
border="0" alt="NEXT"></a></td>
<td><a href="3851slix.html"><img src="images/nvindex.jpg" width="61" height="28"
border="0" alt="INDEX"></a></td>
</tr>
</table>
</td>
</tr>
<tr>
<td>
<br><div align="center"><font size="1">
All Rights Reserved, Copyright(c) FUJITSU LIMITED 2001</font></div>
</td>
</tr>
</table>

</body>
</html>
```

FIG.5

```
<HTML>
<HEAD>
<meta http-equiv="Content-Type" content="text/html: charset=iso-2022-jp">
<TITLE>1 NAME AND FUNCTION OF UNIT</TITLE>
</HEAD>
<BODY>
<viewdocs><K2><BASE FILENAME=002001000000.html><SUBTITLE=1 NAME AND
FUNCTION OF UNIT</K2></viewdocs)

<h2>
<a name="1177276"><font color="#003366"> 1 NAME AND FUNCTION OF
UNIT</font></a>
<hr noshade>
</h2>

<p>
<a name="1180846">NAME AND FUNCTION OF PC MAIN BODY AND UNITS ON
MOTHER BOARD
</a></p>

<dl>
<dd>
<img src="images/point.jpg" border="0" alt="IMPORTANT">
</dd>
</dl>
<ul><font color="#0000CC"><ul><font color="#0000CC">
<li><a name="1180848">VERTICAL SETTING IS USED IN THE FOLLOWING. CHANGE
THE FOLLOWING IN HORIZONTAL SETTING.</a>
</font></ul>
</font></ul>
</BODY>
</HTML>
```

FIG.6

```
<HTML>
<HEAD>
<meta http-equiv="Content-Type" content="text/html; charset=iso-2022-jp">
<TITLE>FRONT OF PC MAIN BODY</TITLE>
</HEAD>
<BODY>
<viewdocs><K3><BASE FILENAME=002001001000.html><SUBTITLE=FRONT OF PC
MAIN BODY></K3></viewdocs>
<h3>
<a name="1177287"><font color="#003366">FRONT OF PC MAIN BODY</font></a>
<hr noshade>
</h3>


<div align="absmiddle"><img src="images/h_kakubua.jpg" height="495"
width="519" border="0" align="absmiddle" alt="IMAGE">
</div><br>

<ol type="1">
<li value="1"><a name="1180919"><b>POWER LAMP</b></a>
<dl>
<dt><a name="1180920">
LIGHT ON DURING ON-POWER OF PC MAIN BODY

</a>
<dt><a name="1180921">
LIGHT ON GREEN DURING ON-OPERATION AND LIGHT ON ORANGE IN STANDBY
(POWER SAVING) MODE

</a>
</dl>
<li value="2"><a name="1180922"><b>POWER BUTTON</b></a>
<dl>
<dt><a name="1180923">
PRESS BUTTON UPON SETTING ON/OFF-POWER OF PC MAIN BODY AND IN
STANDBY MODE

</a>
</dl>
<li value="3"><a name="1180925"><b>DISK ACCESS LAMP</b></a>
<dl>
<dt><a name="1180926">
LIGHT ON UPON WRITING/READING DATA TO/FROM HD
```

FIG.7

```
</a>
</dl>
<li value="13"><a name="1180927"><b>BUTTON FOR TAKING OUT FD</b></a>
<dl>
<dt><a name="1180928">
PRESS UPON TAKING OUT FD

</a>
<dt><a name="1180929">
DON'T PRESS UPON LIGHT-ON OF FD ACCESS LAMP

</a>
</dl>
<li value="14"><a name="1180930"><b>FDD</b></a>
<dl>
<dt><a name="1180931">
SET FD AND WRITE/READ DATA

</a>
</dl>
<li value="15"><a name="1180932"><b>FD ACCESS LAMP</b></a>
<dl>
<dt><a name="1180933">
LIGHT ON UPON WRITING/READING DATA TO/FROM FD

</a>
</dl>
<li value="16"><a name="1180957"><b>FOOT</b></a>
<dl>
<dt><a name="1180958">
BASE IS SET UPON USING THE PC

</a>
<dt><a name="1180959">
TIP RESISTANT IN VERTICAL SETTING

</a>
</dl>
</ol>

</BODY>
</HTML>
```

FIG.8

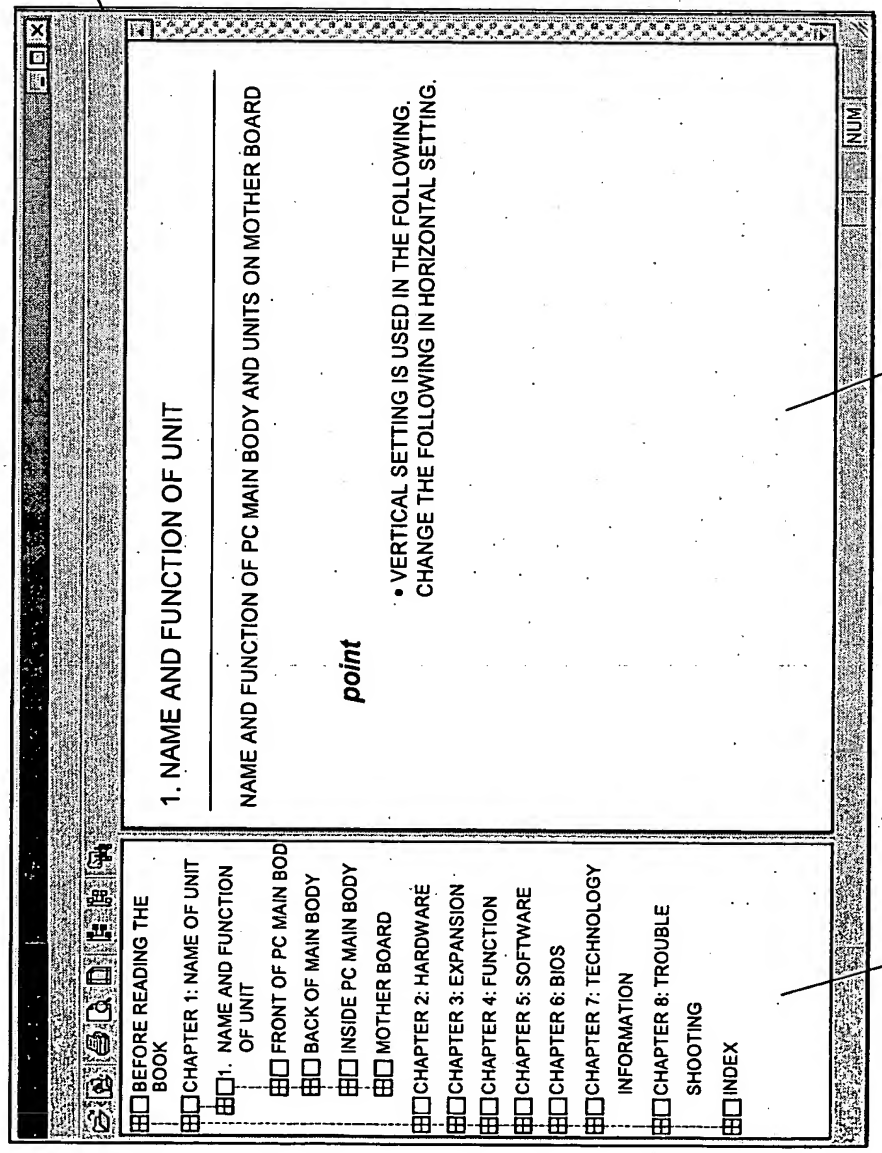
200
DISPLAY SCREEN
BEFORE READING THE BOOK
CHAPTER 1: NAME OF UNIT
1. NAME AND FUNCTION OF UNIT
FRONT OF PC MAIN BOD
BACK OF MAIN BODY
INSIDE PC MAIN BODY
MOTHER BOARD
CHAPTER 2: HARDWARE
CHAPTER 3: EXPANSION
CHAPTER 4: FUNCTION
CHAPTER 5: SOFTWARE
CHAPTER 6: BIOS
CHAPTER 7: TECHNOLOGY INFORMATION
CHAPTER 8: TROUBLE SHOOTING
INDEX
1. NAME AND FUNCTION OF UNIT
NAME AND FUNCTION OF PC MAIN BODY AND UNITS ON MOTHER BOARD
point
• VERTICAL SETTING IS USED IN THE FOLLOWING. CHANGE THE FOLLOWING IN HORIZONTAL SETTING.
NUM
210 STRUCTURED CONTENTS
220 BODY TEXT

FIG.9

TITLE: SYSTEM, METHOD AND PROGRAM FOR
PRINTING AN ELECTRONIC DOCUMENT
INVENTORS: Motonaga GOMI et al.
SERIAL NO.: Unassigned
DOCKET NO.: 1619.1025

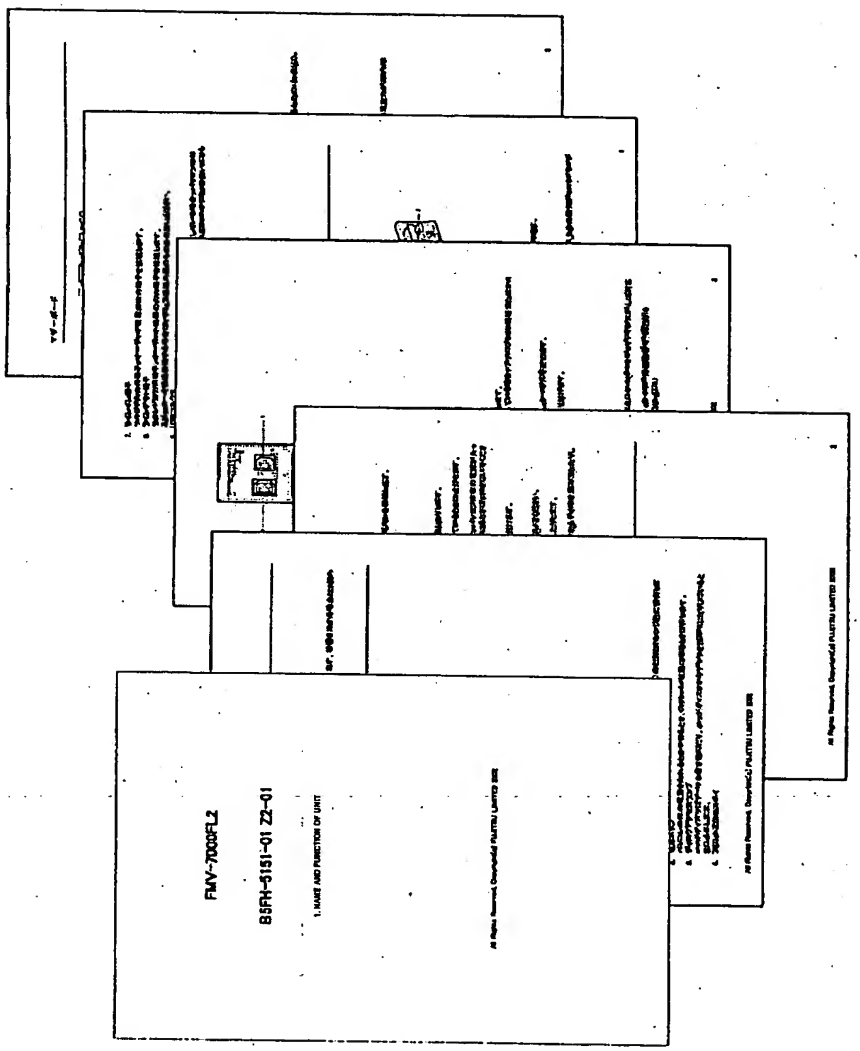

FIG.10

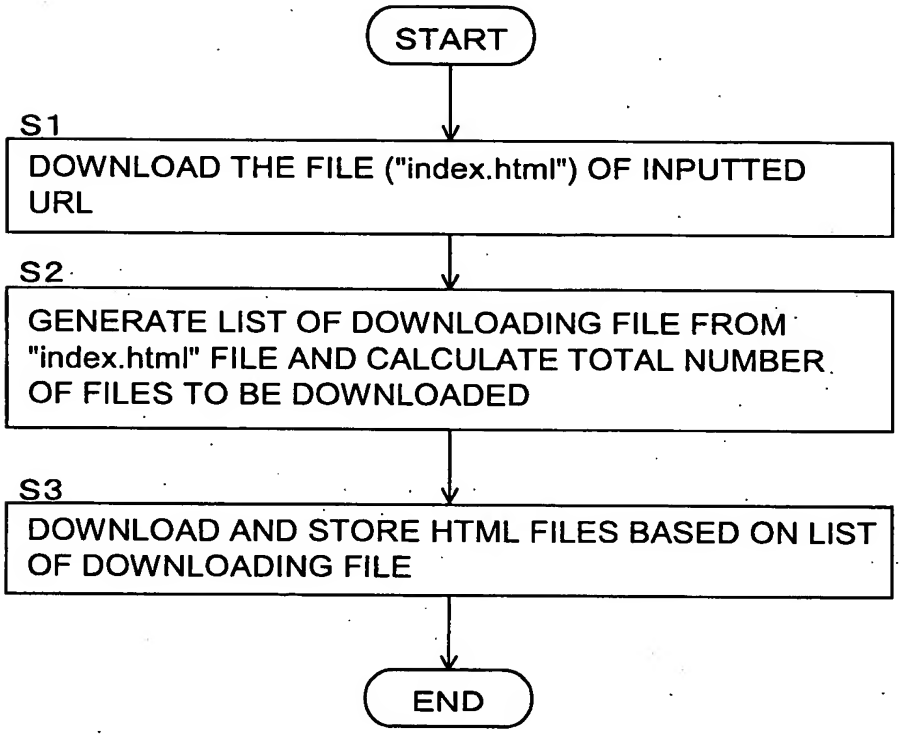
START
S1
DOWNLOAD THE FILE ("index.html") OF INPUTTED URL
S2
GENERATE LIST OF DOWNLOADING FILE FROM "index.html" FILE AND CALCULATE TOTAL NUMBER OF FILES TO BE DOWNLOADED
S3
DOWNLOAD AND STORE HTML FILES BASED ON LIST OF DOWNLOADING FILE
END

FIG.11

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-2022-jp">
<meta name="TEMPLATEBASE" content="fmvman_DT_O1a_r3">
<meta name="LASTUPDATED" content="11/07/01 10:20:33">
<!-- All Rights Reserved, Copyright(c) FUJITSU LMITED 2001 -->
<title>FMWORLD.NET: FMV MANUAL</title>
</head>

<frameset cols="27%,*">
  <frame src="3851sltoc.html" name="toc">
  <frame src="a_oku.html" name="main">

<noframes>

<body link="#3366CC" vlink="#9999CC" text="#000000" alink="#0000CC"
bgcolor="#FFFFFF" background="images/backgrnd.jpg">

<table width="100%" border="0" cellspacing="0" cellpadding="0">
<tr>
<td>
<table border="0" align="right" cellpadding="0" cellspacing="0">
<tr>
<td><img src="images/nvdum.jpg" width="90" height="28" border="0"
alt="PREVIOUS"></td>
<td><a href="a_oku.html"><img src="images/nvnext.jpg" width="90" height="28"
border="0" alt="NEXT"></a></td>
<td><a href="3851slix.html"><img src="images/nvindex.jpg" width="61"   height="28"
border="0" alt="INDEX"></a></td>
</tr>
</table>
</td>
</tr>
</table>

<hr>

<p>
<a name="591699"><font size="+1" color="#003366"><b>CONTENT</b></font></a>
</p>
```

FIG.12

```
<a href="a_mat.html#1175761">BEFORE READING THE BOOK</a>
<dl>
 <dl>
  <dd><font size="-1"><a href="a_mat2.html#1176722">NOTATION OF THE
BOOK</a></font>
  <dd><font size="-1"><a href="a_mat3.html#1179699">RECYCLE</a></font>
 </dl>
</dl>
<table border="0">
 <tr valign="bottom">
  <td nowrap><font size="-1">< a href="h_kakubu.html#1177202">CHAPTER
1</a></font></td>
  <td> </td>
  <td><a href="h_kakubu.html#1177559">NAME OF UNIT</a></td>
 </tr>
</table>
<dl>
 <dd><font size="-1"><a href="h_kakubu2.html#1177276">1. NAME AND FUNCTION OF
UNIT</a></font>
 <dl>
  <dd><font size="-1"><a href="h_kakubu2.html#1177287">FRONT OF PC MAIN BODY
</a></font>
  <dd><font size="-1"><a href="h_kakubu3.html#1177289">BACK OF PC MAIN
BODY</a></font>
  <dd><font size="-1"><a href="h_kakubu4.html#l177290">IN PC MAIN BODY</a></font>
  <dd><font size="-1"><a href="h_kakubu5.html#1177618">MOTHER BOARD</a></font>
 </dl>
</dl>
<table border="0">
 <tr valign="bottom">
  <td nowrap><font size="-1"><a href="h_hardware.html#1177688">CHAPTER
2</a></font></td>
  <td> </td>
  <td><a href="h_hardware.html#1178216">HARDWARE</a></td>
 </tr>
</table>
<dl>
 <dd><font size="-1"><a href="h_hardware2.html#1183578">1.  MOUSE</a></font>
 <dl>
```

FIG.13

```
    <dd><font size="-1"><a href="h_hardware2.html#1177886">HOW TO USE
MOUSE</a></font>
  </dl>
  <dd><font size="-1"><a href="h_hardware3.html#1178585">2 KEYBOARD</a></font>
  <dd><font size="-1"><a href="h_hardware4.html#1178586">3 CD</a></font>
  <dl>
    <dd><font size="-1"><a href="h_hardware4.html#1177741">CAUTION</a></font>
    <dd><font size="-1"><a href="h_hardware5.html#1177742">SET/PULL OUT
CD</a></font>
  </dl>
  <dd><font size="-1"><a href="h_hardware6.html#1177744">4 FD</a></font>
  <dl>
    <dd><font size="-1"><a href="h_hardware6.html#1177745">CAUTION</a></font>
    <dd><font size="-1"><a href="h_hardware7.html#1178657">FD</a></font>
 </dl>
  <dd><font size="-1"><a href="h_hardware8.html#1183433">5 HD</a></font>
  <dl>
     <dd><font size="-1"><a href="h_hardware8.html#1183436">NOTICE</a></font>
  </dl>
  <dd><font size="-1"><a href="h_hardware9.html#1178693">6 CARE OF HD</a></font>
  <dl>
    <dd><font size="-1"><a href="h_hardware9.html#1177749">CARE OF PC MAIN
BODY</a></font>
    <dd><font size="-1"><a href="h_hardware10.html#1178715">CARE OF
MOUSE</a></font>
    <dd><font size="-1"><a href="h_hardware11.html#1178726">CARE OF
KEYBOARD</a></font>
    <dd><font size="-1"><a href="h_hardware12.html#1178735">CARE OF CD</a></font>
   <dd><font size="-1"><a href="h_hardware13.html#1178737">7 FD</a></font>
 </dl>
</dl>

<a href="3851slix.html#401639">INDEX</a>

<hr>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
<tr>
<td>
```

FIG.14

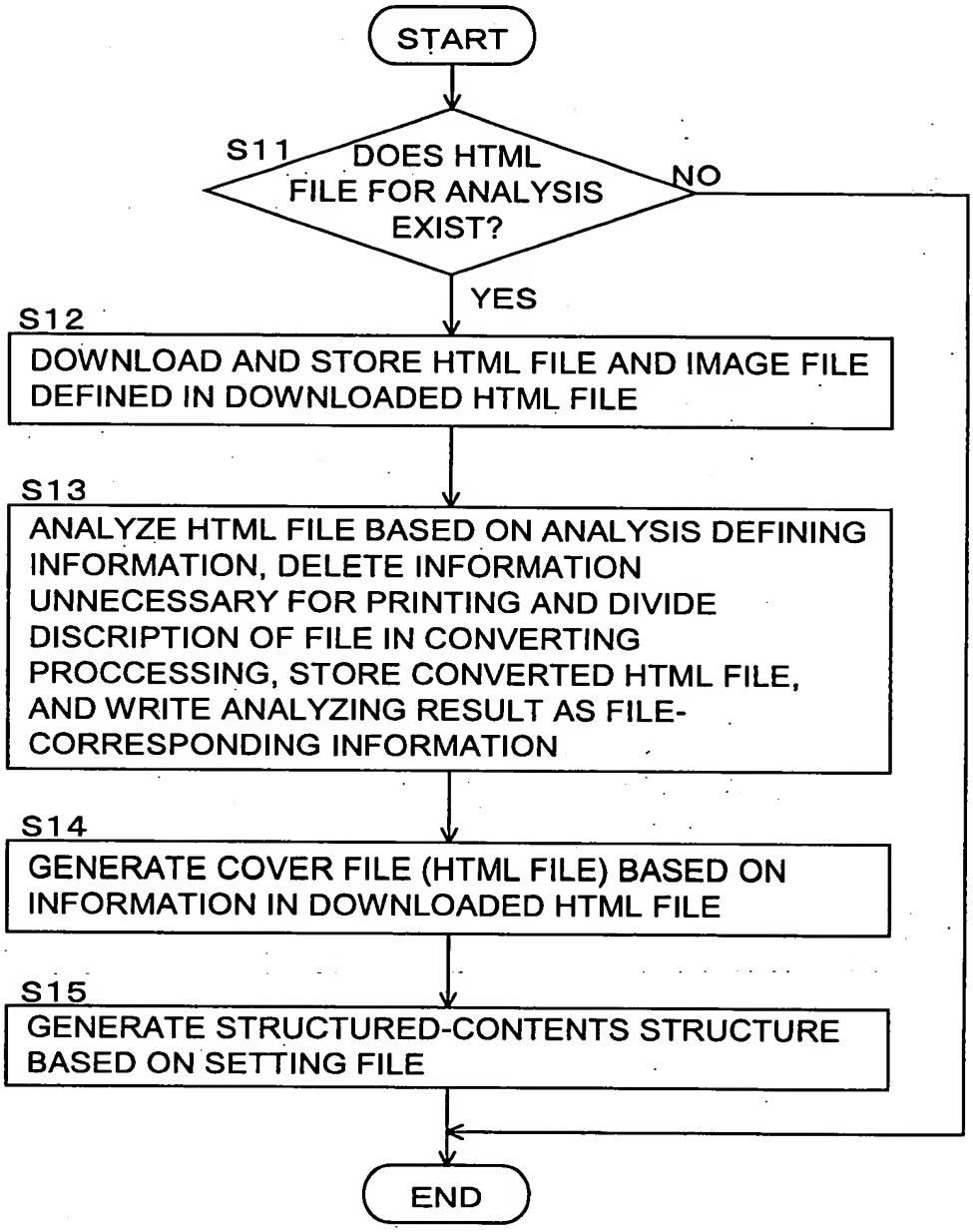
START
S11
DOES HTML FILE FOR ANALYSIS EXIST?
NO
YES
S12
DOWNLOAD AND STORE HTML FILE AND IMAGE FILE DEFINED IN DOWNLOADED HTML FILE
S13
ANALYZE HTML FILE BASED ON ANALYSIS DEFINING INFORMATION, DELETE INFORMATION UNNECESSARY FOR PRINTING AND DIVIDE DISCRIPTION OF FILE IN CONVERTING PROCCESSING, STORE CONVERTED HTML FILE, AND WRITE ANALYZING RESULT AS FILE-CORRESPONDING INFORMATION
S14
GENERATE COVER FILE (HTML FILE) BASED ON INFORMATION IN DOWNLOADED HTML FILE
S15
GENERATE STRUCTURED-CONTENTS STRUCTURE BASED ON SETTING FILE
END

FIG.15

```
<td><a href="3851slix. html"><img src="images/nvindex.jpg" width="61" height="28"
border="0" alt="INDEX"></a></td>
</tr>
</table>
</td>
</tr>
</table>

<hr>

<div align="right">
 <p>
  <a name="1177202"><font size="+2" color="#003366">CHAPTER 1</font></a>
 </p>
</div>
<div align="right">
 <h1>
  <a name="1177559"><font color="#003366">NAME OF UNIT</font></a>
  <hr noshade>
 </h1>
</div>

<p>
 <a name="1177209">NAME AND FUNCTION OF UNIT</a>
</p>

<dl>
 <dl>
  <dt><font size="-1"><a href="h_kakubu2.html#1177276">1 NAME AND FUNCTION OF
UNIT</a></font>
 </dl>
</dl>

<hr>

<table width="100%" border="0" cellspacing="0" cellpadding="0">
<tr>
<td>

<table border="0" align="right" cellpadding="0" cellspacing="0">
<tr>
<td><a href="index.html" target="_parent">< img src="images/top.jpg" width="61"
height="28" alt="TOP" border="0" hspace="10"></a></td>
<td><a href="a_mat3.html"><img src="images/nvprev.jpg" width="90" height="28"
```

FIG.16

TAG
<h1>
<h2>
<h3>
<title>
<hr>
<href>
<src img>
<meta http-equiv="Content-Type" content="text/html; charset=iso-2022-jp">
< STYLE TYPE="text/css">H6{page-break-before:always}</STYLE>
<H6>

FIG.17

TAG
<NAME>***</NAME>
<CODE>***</CODE>
<COPYRIGHT>***</COPYRIGHT>
<viewdocs><K*><BASE FILENAME="***"><SUBTITLE="***"></K*></viewdocs>
<K*></K*>
<BASE FILENAME="***">
<SUBTITLE="***">

FIG.18

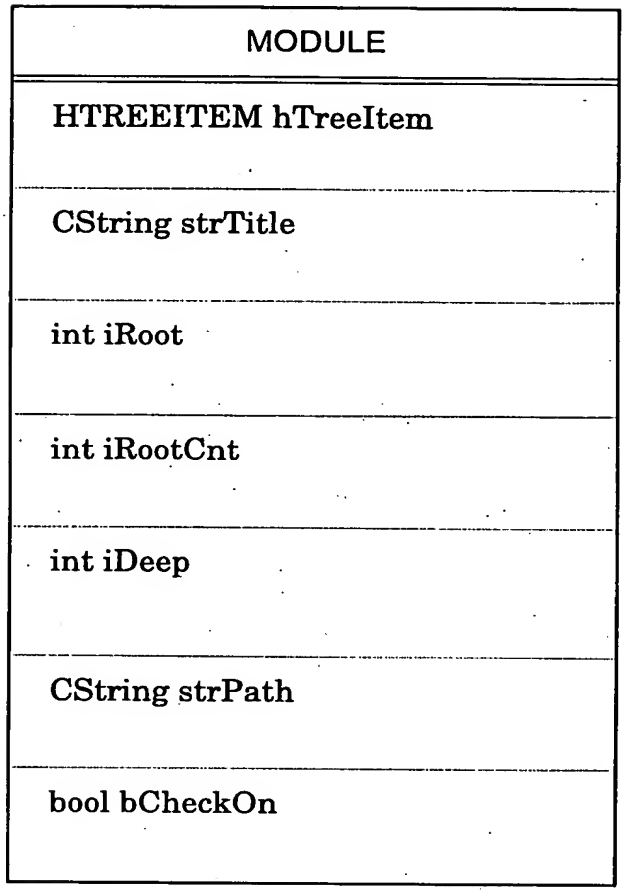
MODULE
HTREEITEM hTreeItem
CString strTitle
int iRoot
int iRootCnt
int iDeep
CString strPath
bool bCheckOn

FIG.19

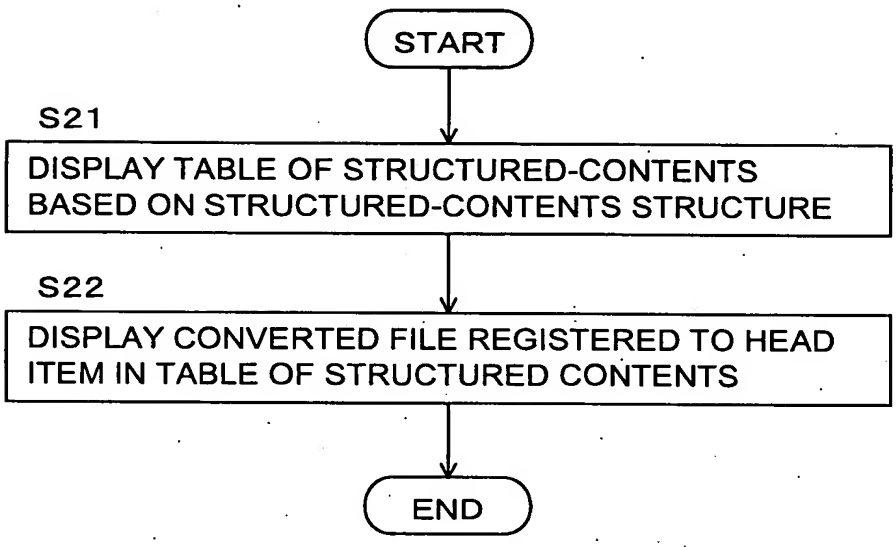
START
S21
DISPLAY TABLE OF STRUCTURED-CONTENTS BASED ON STRUCTURED-CONTENTS STRUCTURE
S22
DISPLAY CONVERTED FILE REGISTERED TO HEAD ITEM IN TABLE OF STRUCTURED CONTENTS
END

FIG.20

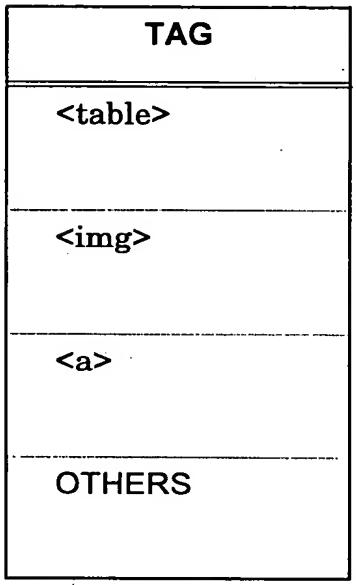

FIG.21

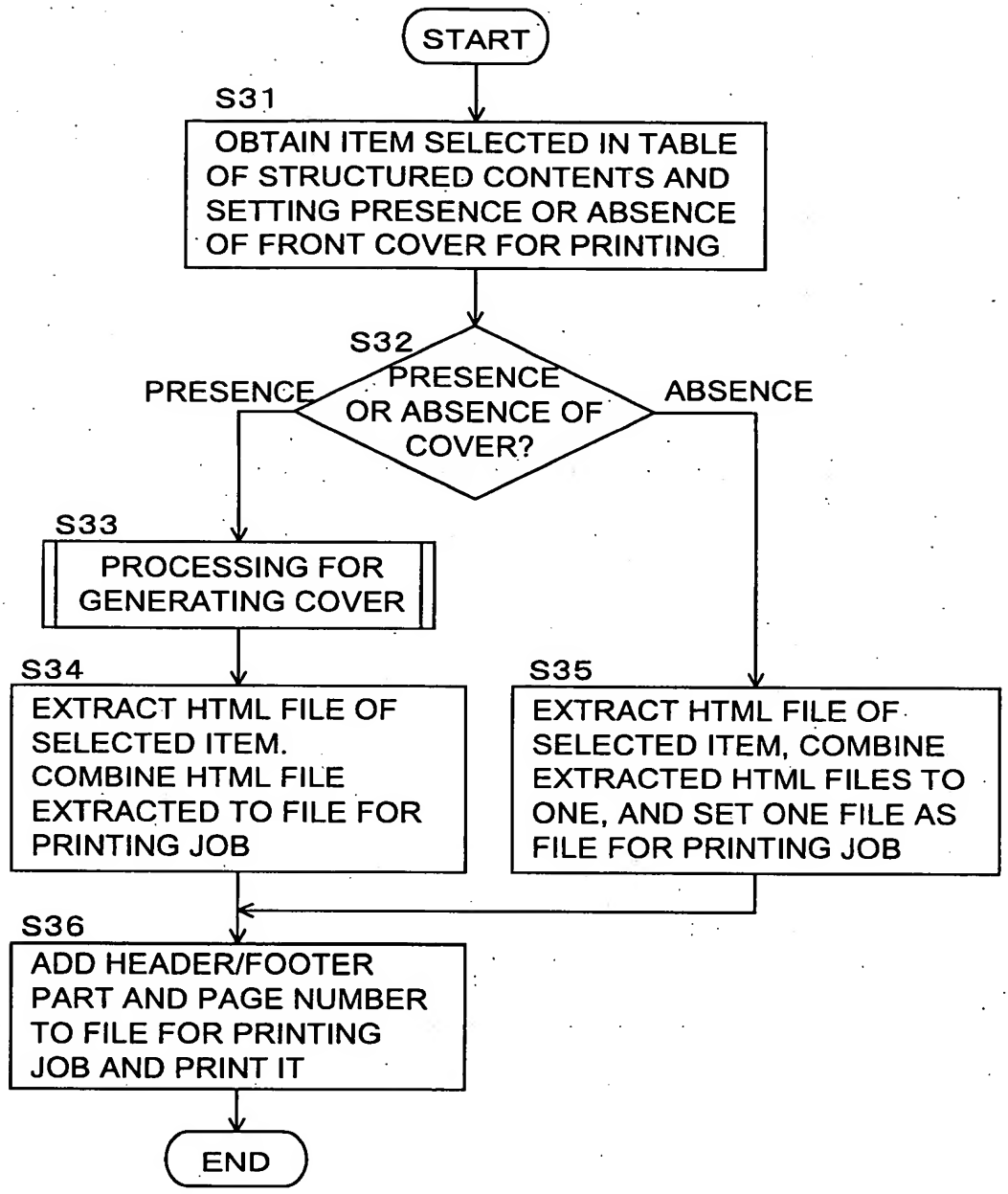
START
S31
OBTAIN ITEM SELECTED IN TABLE OF STRUCTURED CONTENTS AND SETTING PRESENCE OR ABSENCE OF FRONT COVER FOR PRINTING
S32
PRESENCE OR ABSENCE OF COVER?
PRESENCE
ABSENCE
S33
PROCESSING FOR GENERATING COVER
S34
EXTRACT HTML FILE OF SELECTED ITEM. COMBINE HTML FILE EXTRACTED TO FILE FOR PRINTING JOB
S35
EXTRACT HTML FILE OF SELECTED ITEM, COMBINE EXTRACTED HTML FILES TO ONE, AND SET ONE FILE AS FILE FOR PRINTING JOB
S36
ADD HEADER/FOOTER PART AND PAGE NUMBER TO FILE FOR PRINTING JOB AND PRINT IT
END

FIG.22

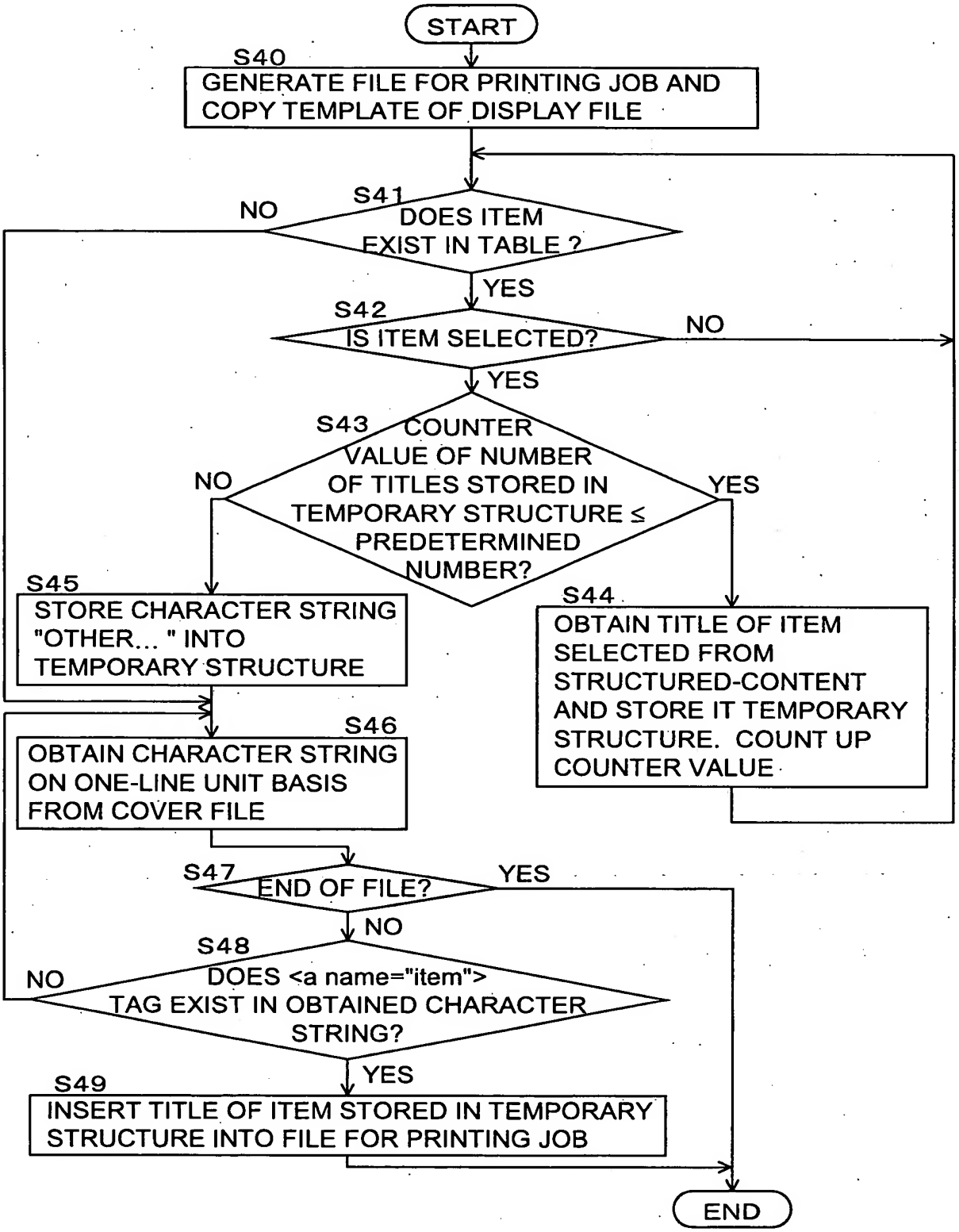
START
S40
GENERATE FILE FOR PRINTING JOB AND COPY TEMPLATE OF DISPLAY FILE
S41
DOES ITEM EXIST IN TABLE ?
NO
YES
S42
IS ITEM SELECTED?
NO
YES
S43
COUNTER VALUE OF NUMBER OF TITLES STORED IN TEMPORARY STRUCTURE ≤ PREDETERMINED NUMBER?
NO
YES
S45
STORE CHARACTER STRING "OTHER... " INTO TEMPORARY STRUCTURE
S44
OBTAIN TITLE OF ITEM SELECTED FROM STRUCTURED-CONTENT AND STORE IT TEMPORARY STRUCTURE. COUNT UP COUNTER VALUE
S46
OBTAIN CHARACTER STRING ON ONE-LINE UNIT BASIS FROM COVER FILE
S47
END OF FILE?
YES
NO
S48
DOES <a name="item"> TAG EXIST IN OBTAINED CHARACTER STRING?
NO
YES
S49
INSERT TITLE OF ITEM STORED IN TEMPORARY STRUCTURE INTO FILE FOR PRINTING JOB
END

FIG.23

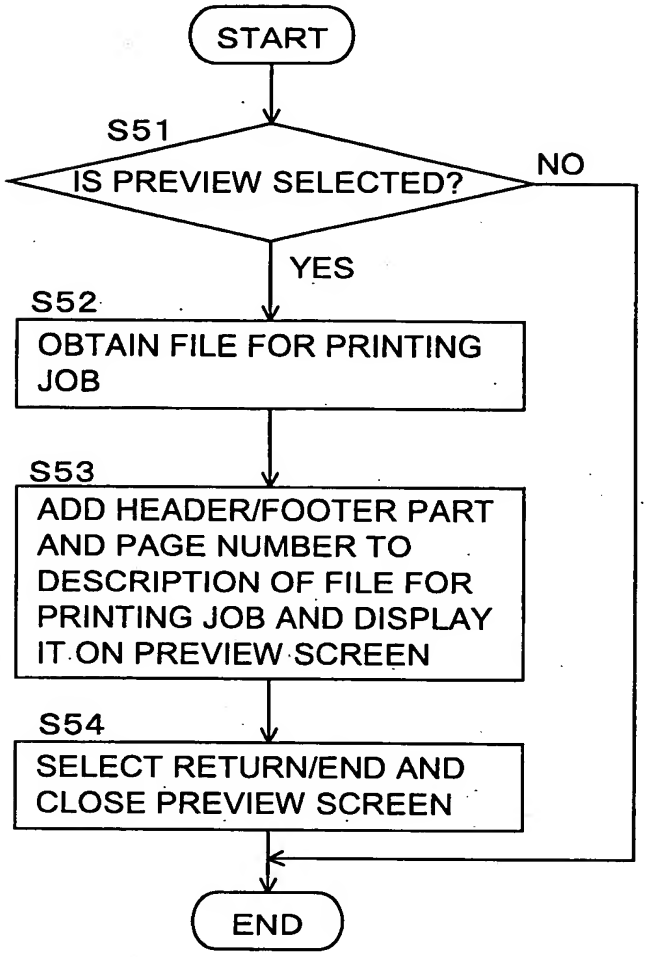
START
S51
IS PREVIEW SELECTED?
NO
YES
S52
OBTAIN FILE FOR PRINTING JOB
S53
ADD HEADER/FOOTER PART AND PAGE NUMBER TO DESCRIPTION OF FILE FOR PRINTING JOB AND DISPLAY IT ON PREVIEW SCREEN
S54
SELECT RETURN/END AND CLOSE PREVIEW SCREEN
END

FIG.24

FUNCTION	
FindKeyword.cpp	OnSearch()
HTMLPrint.cpp	MySetTreeViewStatus()
	MyUnionHtmlFile()
HTMLPrintDoc.cpp	OnOptKai1()
	OnOptKai2()
	OnOptKai3()
	OnOptKai4()
	OnFileOpenWeb()
	OnFileOpenManual()
MainTreeView.cpp	SetTreeViewStatus()
	OnSelchanged()
	OnCheckOnAll()
	OnCheckOffAll()
	OnCheckOnUnder()
	OnCheckOffUnder()
	OnCheckOnUnderPage()
	OnCheckOffUnderPage()
	GetCheakStatus()
	MySetCheckStatus()
	MySelectItem()
MainWebView.cpp	SetPrintPreview()

FIG.25